



# Electronic Information Disclosure Statement

## IN SITU THERMAL PROCESSING OF A COAL FORMATION TO INCREASE PERMEABILITY/POROSITY OF THE FORMATION

Application:



09/841284

Confirmation: 4716

Applicant(s): Harold Vinegar

Docket

5659-06000

Number:

Group Art

Unit:

Examiner: George A. Suchfield

( 4093025 or 4895206 or 0326439 or 1681523 or 2244256 or 2714930 or 3547193 or 3562401 or 4089374 or 4423311 or 4489782 or 4626665 or 4694907 or 5182792 or 5402847 or 5491969 or 5621844 or 6244338 or 6389814 or 6412559 or 3680633 or 4508170 or 4087130 or 4537252 or re30019 or 2623596 or 3775185 or 4524113 or 5284878 or 5767584 or 5955039 or 3599714 or 4043393 ).pn.

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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
6	P01	4093025	1978-06-06		Terry		
			1990-01-				

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GS	P02	4895206	22		Price
	P03	0326439	1885-09-15		McEachen
	P04	1681523	1928-08-21		Downey et. al.
	P05	2244256	1941-06-03		Looman
	P06	2714930	1955-08-09		Carpenter
	P07	3547193	1970-12-15		Gill
	P08	3562401	1971-02-09		Long
	P09	4089374	1978-05-16		Terry
	P10	4423311	1983-12-27		Varney, Sr.
	P11	4489782	1984-12-25		Perkins
	P12	4626665	1986-12-02		Fort, III
	P13	4694907	1987-09-22		Stahl et. al.
	P14	5182792	1993-01-26		Goncalves
	P15	5402847	1995-04-04		Wilson et. al.
	P16	5491969	1996-02-20		Cohn et. al.
	P17	5621844	1997-04-15		Bridges
	P18	6244338	2001-06-12		Mones
	P19	6389814	2002-05-21		Viteri et al.
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CS	P21	3680633	01		Bennett
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	P23	4087130	1978-05-02		Garrett
	P24	4537252	1985-08-27		Puri
	P25	re30019	1979-06-05		Lindquist
	P26	2623596	1952-12-30		Whorton et al.
	P27	3775185	1973-11-27		Kunz et al.
	P28	4524113	1985-06-18		Lesieur
	P29	5284878	1994-02-05		Studer et al.
	P30	5767584	1998-06-16		Gore et. al
	P31	5955039	1999-09-21		Dowdy
	P32	3599714	1971-08-17		Messman et al.
CG	P33	4043393	1977-08-23		Fisher et al.

## Remarks

(Remarks are not for responding to an office action.)

Please note that non-patent references are being sent as hard copies for inclusion in this Information Disclosure Statement.

George Suchfield

Signature

12/17/02

Examiner Name

Date

Form PTO-1449 (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)



ATTY. DKT. NO. 5659-06000/TH1985

SERIAL NO. 09/841,284

APPLICANT: Vinegar et al.

GROUP: 3672

FILING DATE: April 24, 2001

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GS	F1	4,252,191	Feb-1981	Pusch et al.			
GS	F2	3,310,109	Mar-1967	J. W. Marx et al.			
GS	G1	3,675,715	Jul-1972	Speller, Jr.			
GS	G2	3,809,159	May-1974	Young et al.			

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

GS	F3	Thermal, Mechanical, and Physical Properties of Selected Bituminous Coals and Cokes, J. M. Singer and R. P. Tye; US Department of Interior, Bureau of Mines (1979) Government Report No. 8364.					
GS	G3	Rogers, Rudy E. "Coalbed Methane: Principles and Practice" Prentice-Hall, Inc. 1994, pp. 68-97.					
GS	G4	Department of Energy Coal Sample Bank and Database <a href="http://www.energy.psu.edu/arg/doesb.htm">http://www.energy.psu.edu/arg/doesb.htm</a> , June 4, 2002.					

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.